

SYSTEM AND METHOD FOR PROVIDING A
CONTINUOUS HIGH SPEED PACKET DATA HANDOFF

ABSTRACT OF THE DISCLOSURE

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A system and method is disclosed for providing a continuous high speed packet data handoff for a mobile station in a wireless network. The system comprises a packet data handoff controller in a source base station that is capable of handing off high speed packet data on a supplemental channel. The packet data handoff controller executes a handoff by sending handoff messages that contain supplemental channel configuration information and Radio Link Protocol (RLP) configuration information. The packet data handoff controller activates a non-retransmission mode of the Radio Link Protocol (RLP). The target base station receives the high speed packet data call starting at a selected Radio Link Protocol (RLP) frame.